

# ALEC Transponder / Interrogator Overview Block Diagram

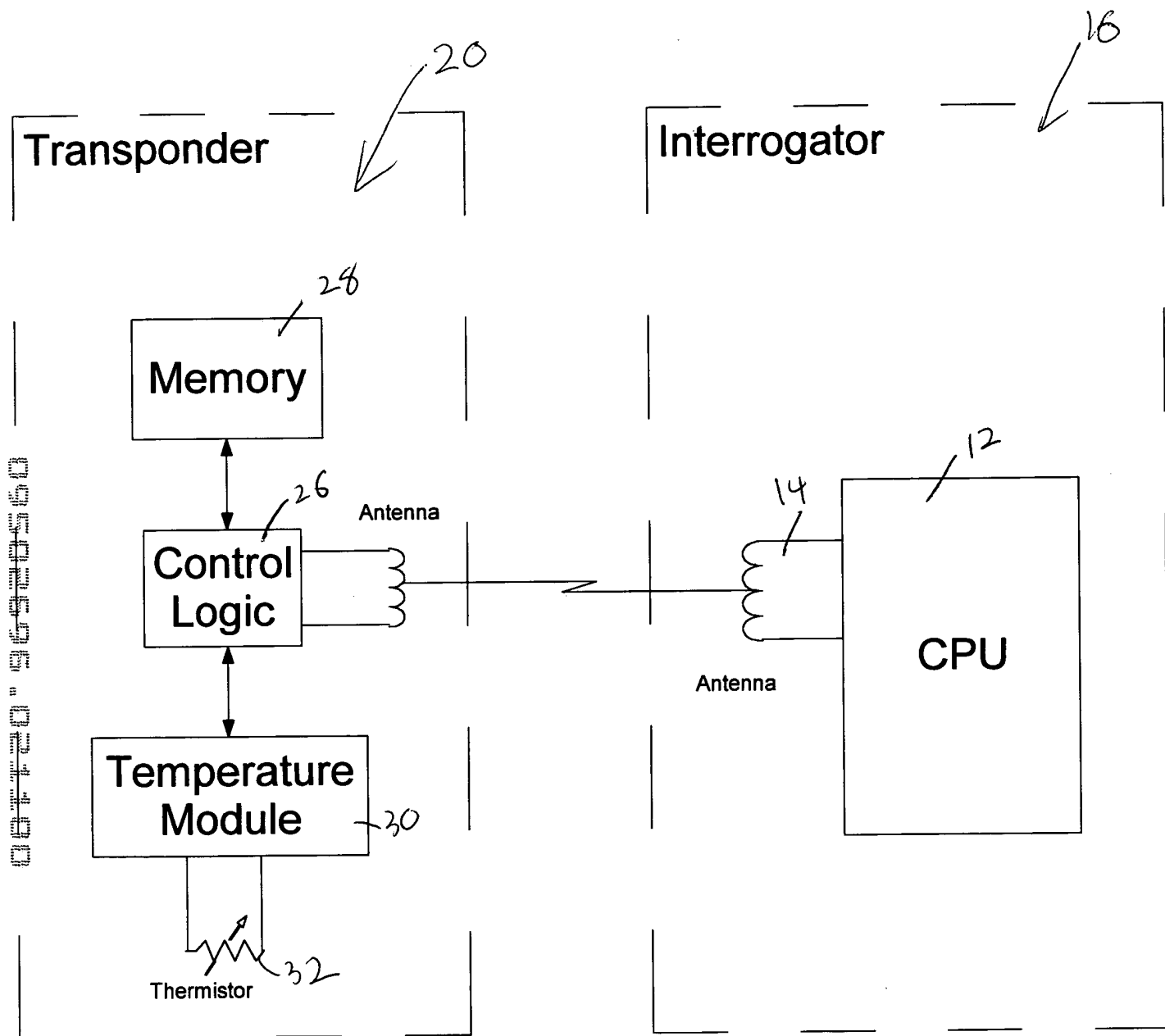
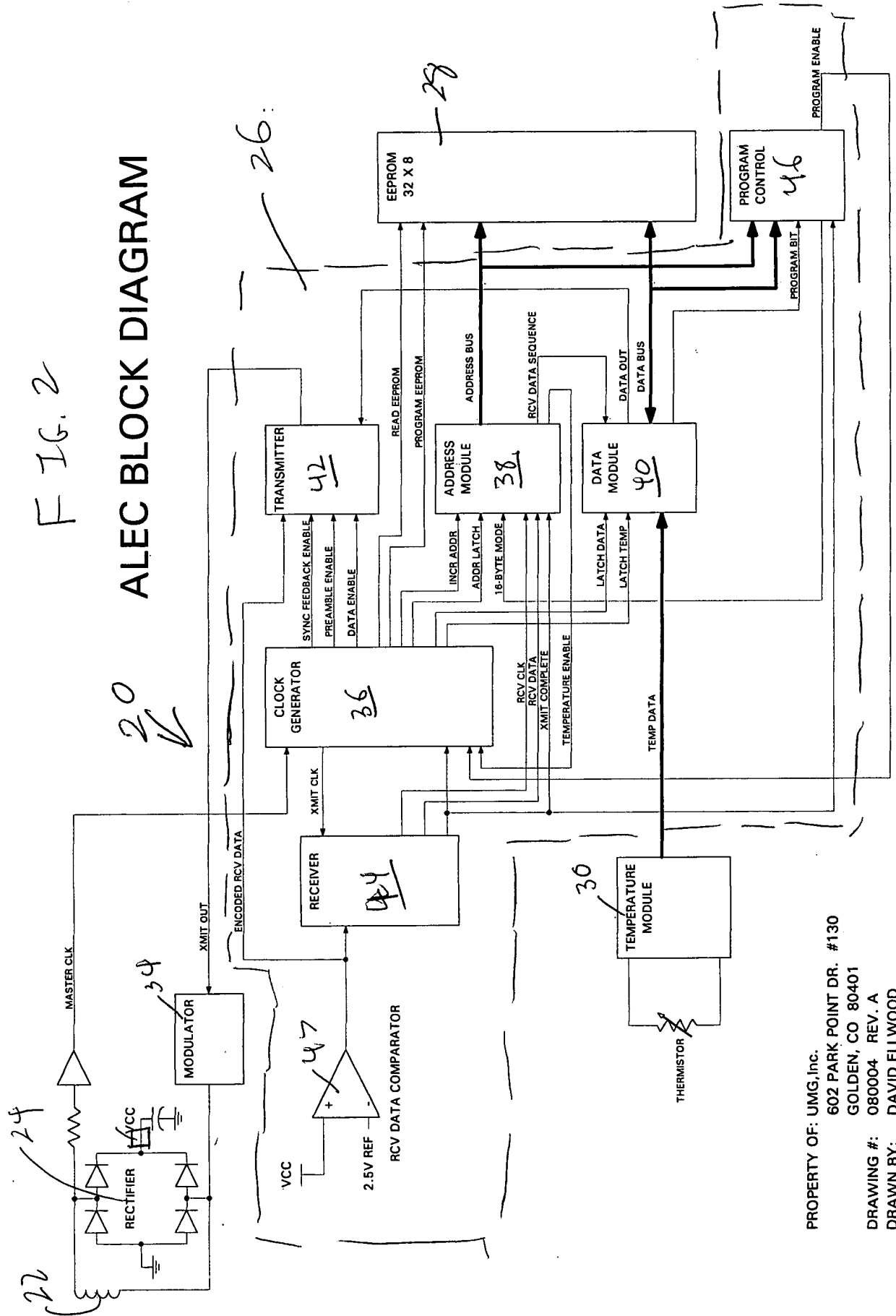


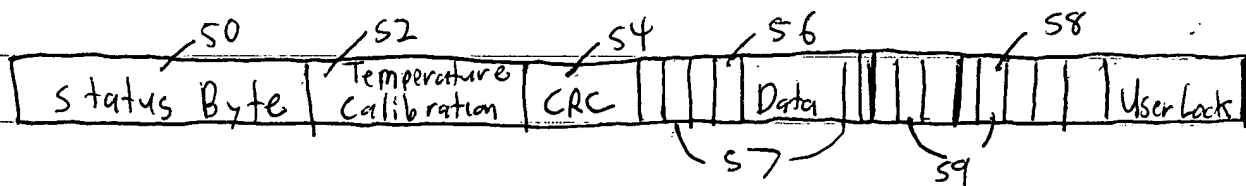
FIG. 1

007F20" 95920560

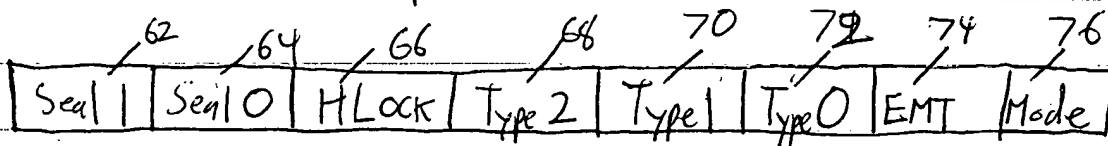


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602 PARK POINT DR. #130  
GOLDEN, CO 80401  
DRAWING #: 080004 REV. A  
DRAWN BY: DAVID ELLWOOD  
DATE: 8/5/99

# FIG. 3



# FIG. 4



09502696-02.1.00

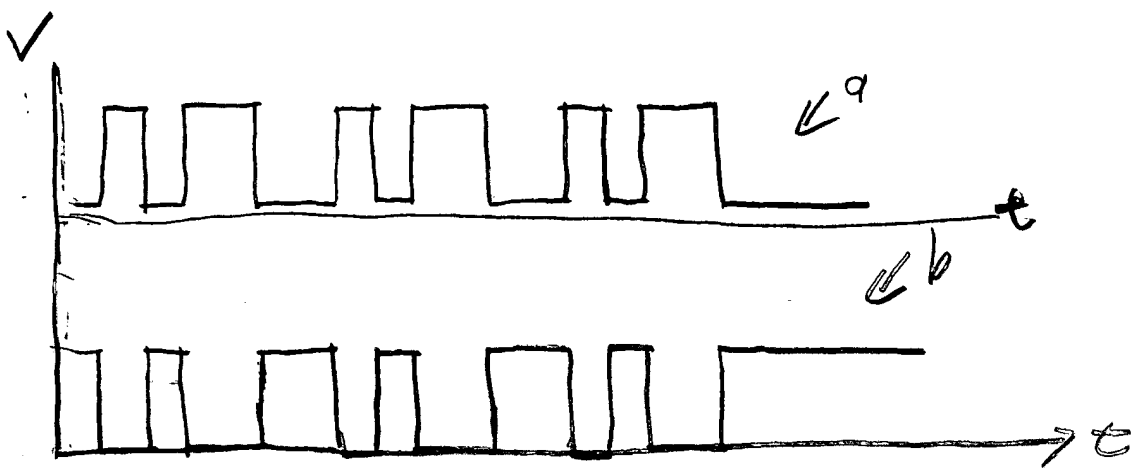


FIG. 5

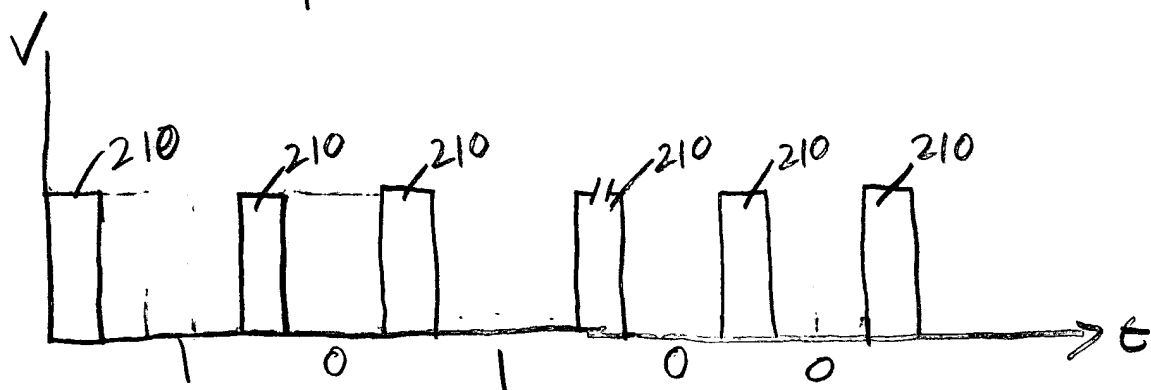


FIG. 6



FIG. 7

# ALEC Transponder Write Data Algorithm

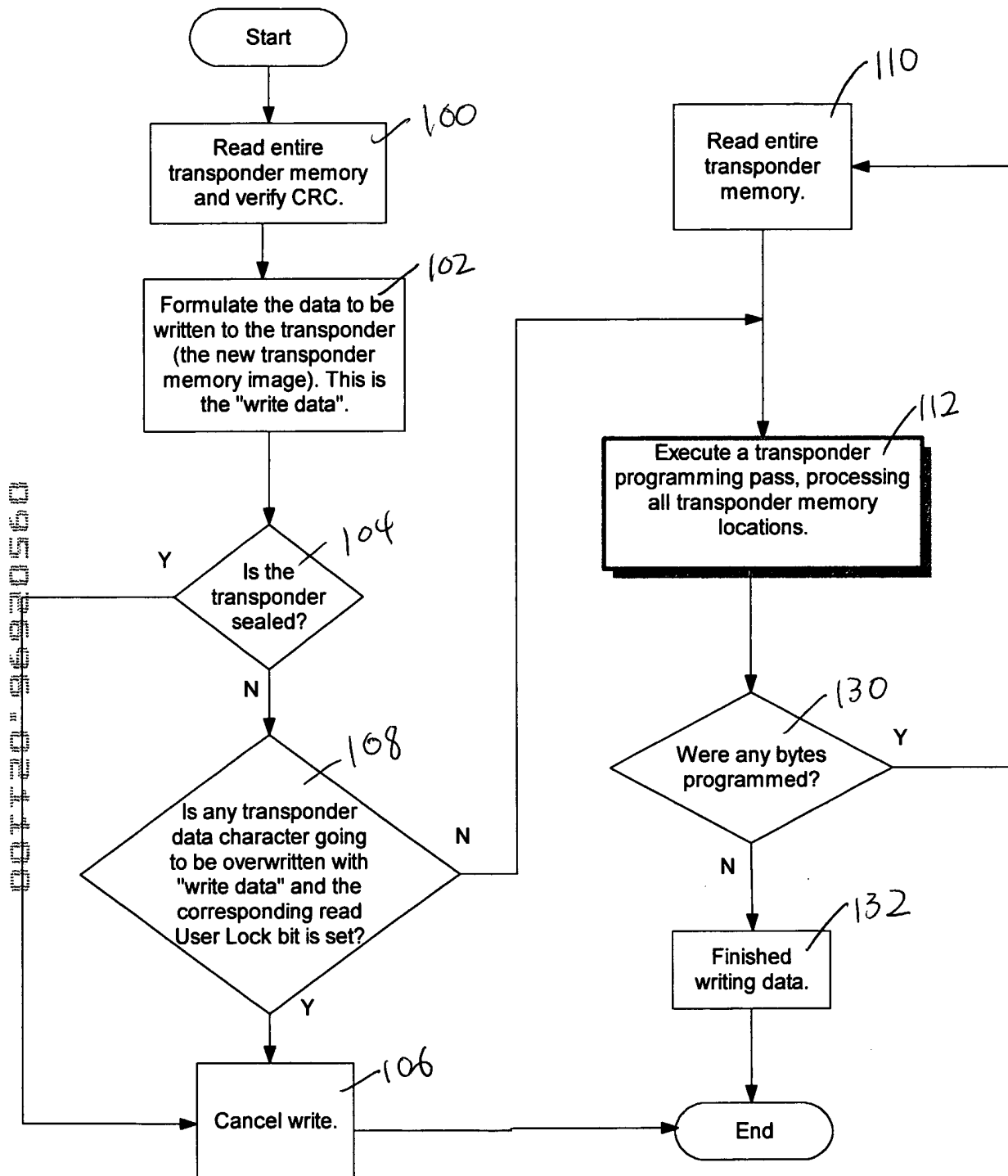


FIG. 8 (A)

# ALEC Transponder Write Data Algorithm

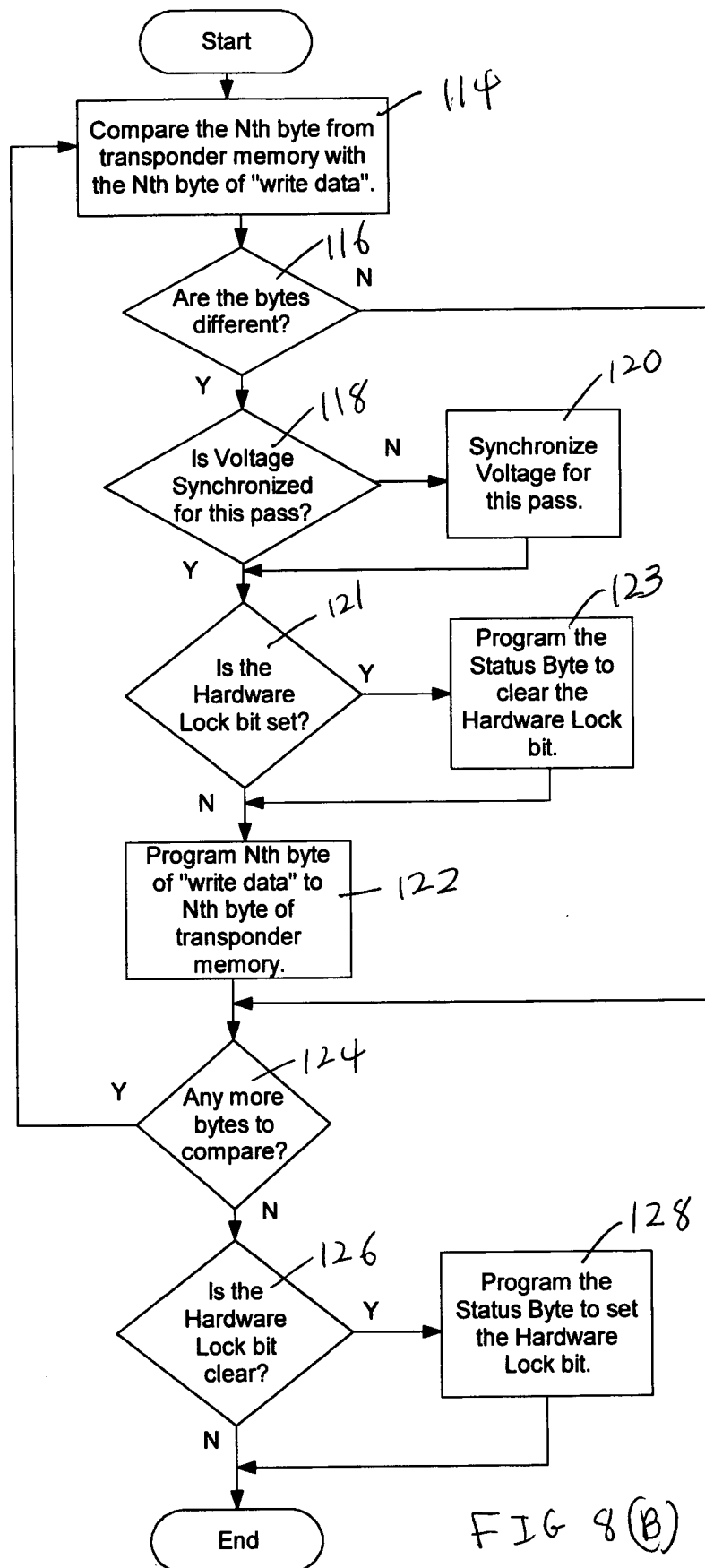
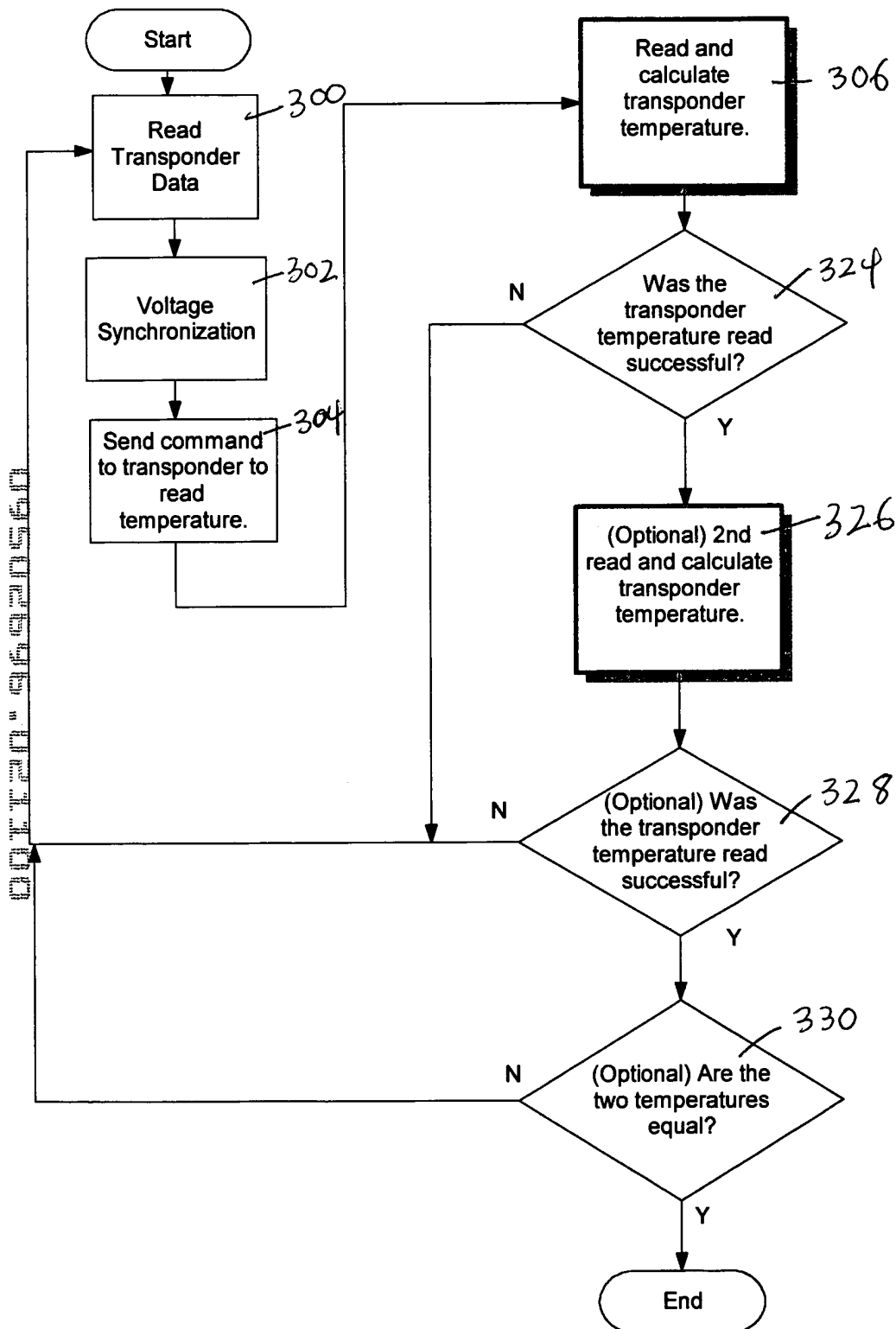


FIG 8(B)

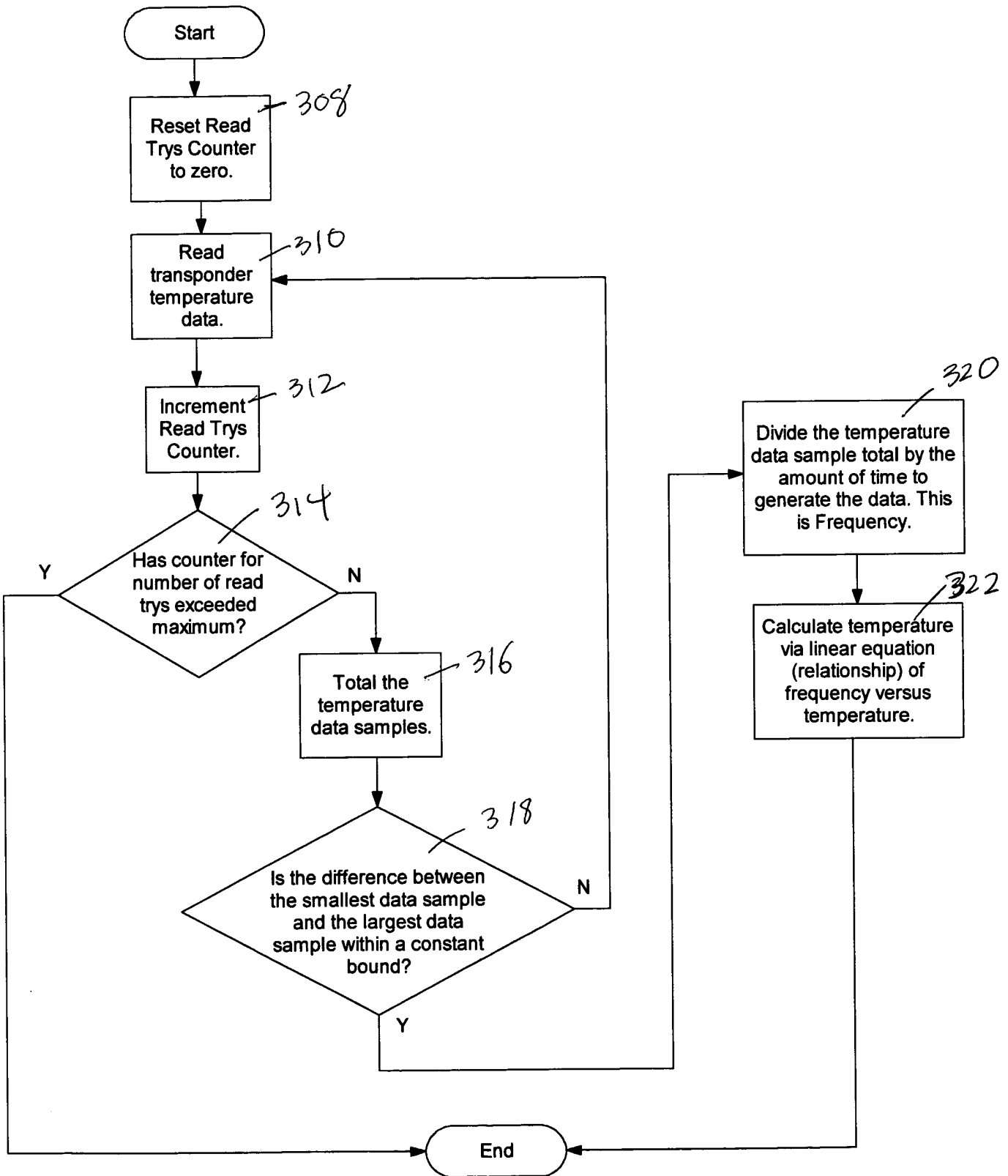
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# ALEC Transponder Read Temperature Algorithm



9(A)

# ALEC Transponder Read Temperature Algorithm



9(B)



# ALEC Cumulative Data Phase Error Detection Algorithm

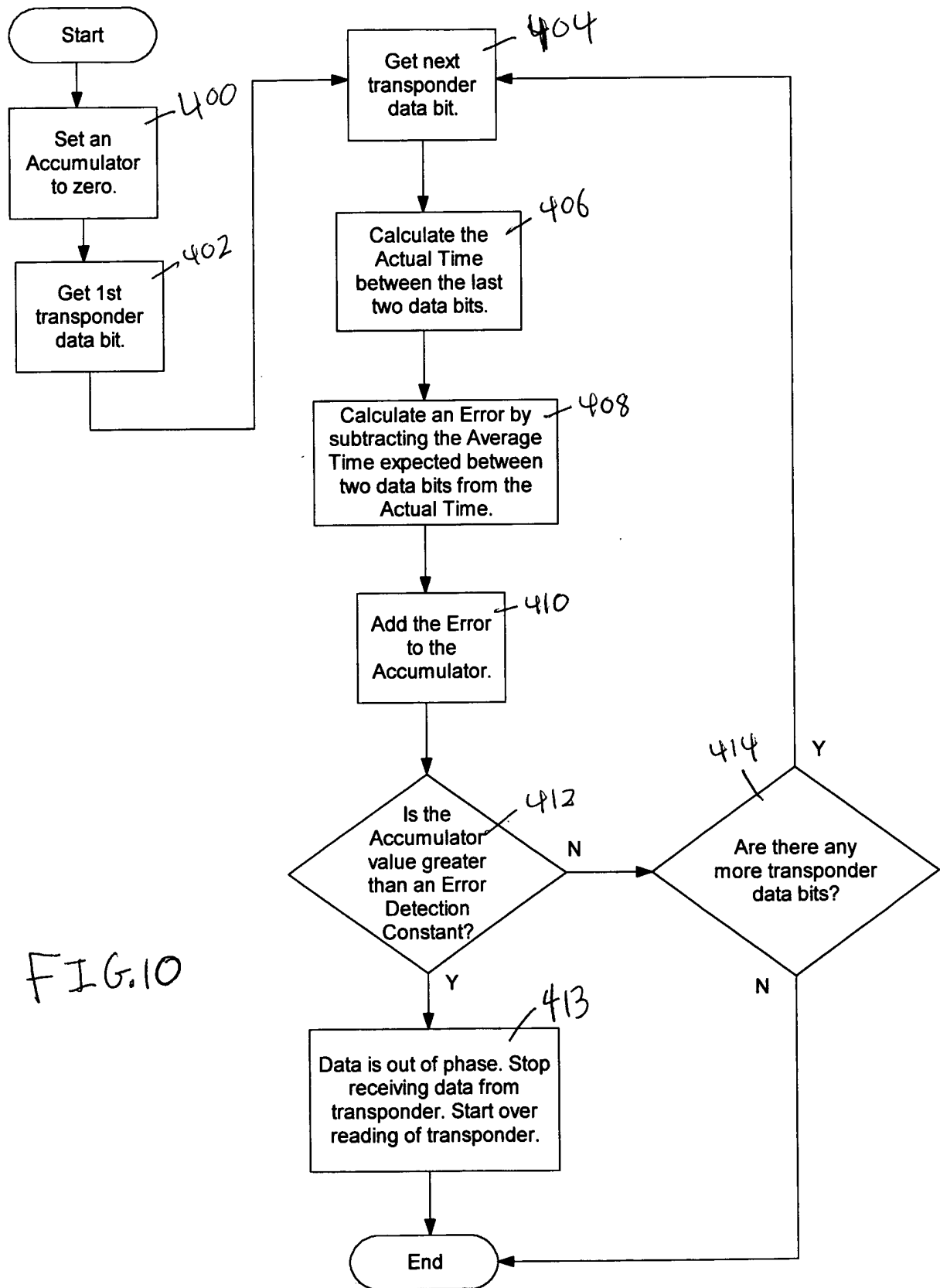


FIG. 10

FIG 10

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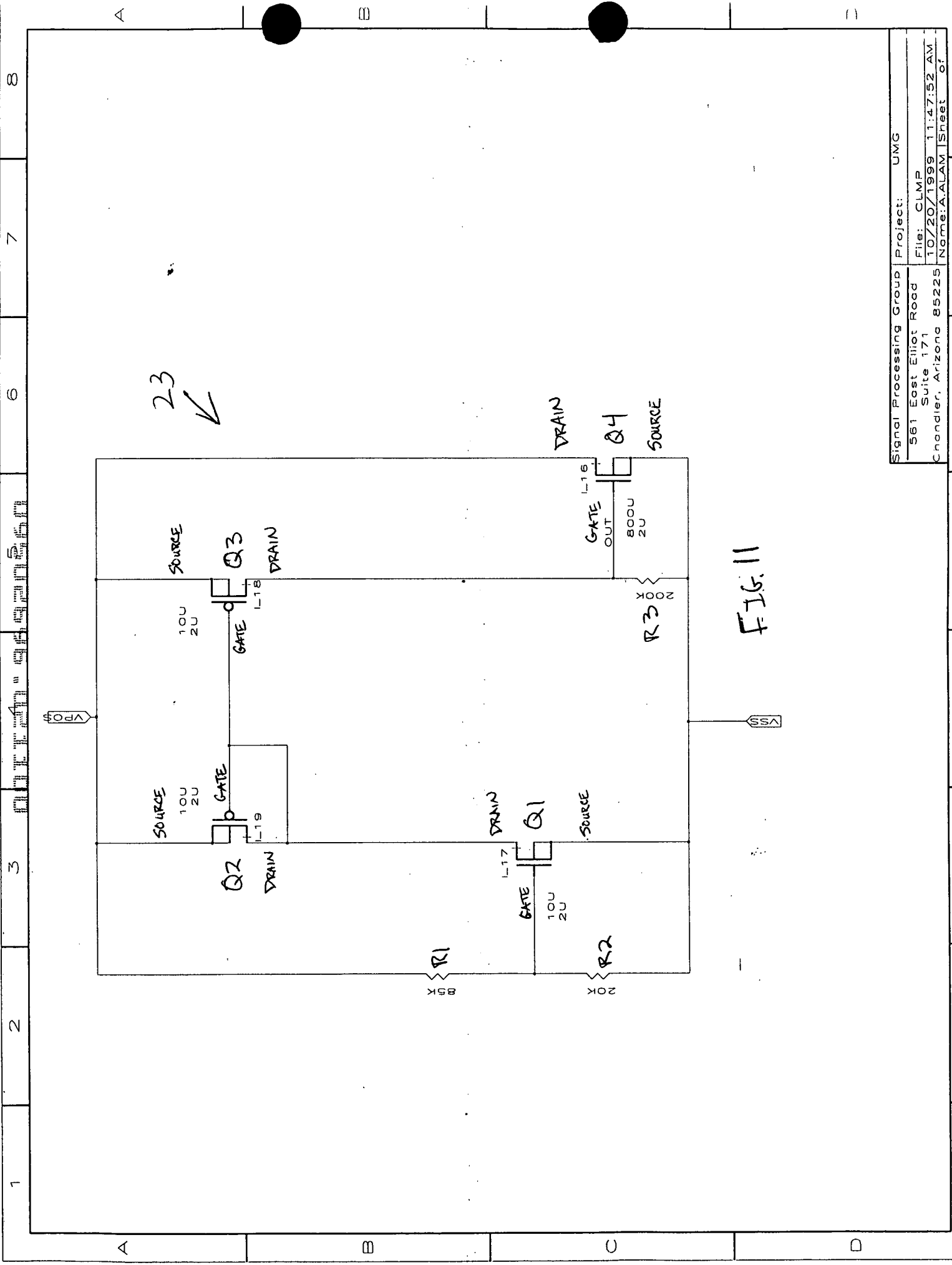


FIG. 11